

Ion exchange resin modified with mercaptoamines.

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Abstract

1. A process for the preparation of anhydrous ion exchangers modified with mercapto amines, characterised in that known acid ion exchanger resins having total capacities of acid functions of from 0.7 to 2.1 mval/ml of ion exchanger when moist with a water content of about 75 to 85% by weight or total capacities of acid functions of from 3.5 to 5 mval or higher, based on 1 g of the dry substance of ion exchanger, are dried and then rinsed with the phenol required for the preparation of the bisphenol and thereafter neutralized above the melting point of this phenol with at least 0.3 mol of mercapto amines corresponding to formula (I) per mol of acid function of the ion exchanger see diagramm : EP0249102,P5,F2 wherein R**1 denotes a C1 to C6 alkylene, C5 to C10 cycloalkylene or C6 to C14 arylene group and R**2 and R**3 denote, independently of one another, C1 to C6 alkyl groups or hydrogen.

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